

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097339.D
 Acq On : 4 Aug 2017 1:44
 Operator : SJ/JU
 Sample : I4562-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.093	191	205	224	rBV	3492481	8231337	100.00%	18.295%
2	5.039	533	536	555	rBV	380055	548077	6.66%	1.218%
3	6.116	716	719	727	rVV	472078	587391	7.14%	1.306%
4	6.222	733	737	743	rVV	573473	602901	7.32%	1.340%
5	6.298	747	750	755	rBV	157680	144309	1.75%	0.321%
6	6.445	770	775	779	rVV	742817	679285	8.25%	1.510%
7	6.481	779	781	783	rVV	154812	116415	1.41%	0.259%
8	6.604	796	802	807	rBV	433281	544657	6.62%	1.211%
9	6.745	822	826	829	rVB2	122265	152926	1.86%	0.340%
10	6.781	829	832	834	rBV2	177368	160947	1.96%	0.358%
11	6.810	834	837	840	rBV	156836	136078	1.65%	0.302%
12	6.857	840	845	847	rBV3	191447	241690	2.94%	0.537%
13	6.992	862	868	870	rBV3	153995	223243	2.71%	0.496%
14	7.016	870	872	874	rVV	338353	276792	3.36%	0.615%
15	7.069	879	881	884	rVV	443971	360662	4.38%	0.802%
16	7.110	886	888	891	rVB2	165426	157828	1.92%	0.351%
17	7.145	891	894	897	rBV2	90255	118583	1.44%	0.264%
18	7.181	897	900	903	rVB2	151243	159288	1.94%	0.354%
19	7.228	904	908	910	rVB4	102047	122138	1.48%	0.271%
20	7.257	910	913	918	rVB	475335	408722	4.97%	0.908%
21	7.310	918	922	925	rVB3	90740	117057	1.42%	0.260%
22	7.369	925	932	935	rBV4	321753	511149	6.21%	1.136%
23	7.398	935	937	941	rBV3	113745	100468	1.22%	0.223%
24	7.439	941	944	947	rBV2	189209	219722	2.67%	0.488%
25	7.475	947	950	953	rBV3	405215	410620	4.99%	0.913%
26	7.510	953	956	960	rVB2	416054	457514	5.56%	1.017%
27	7.551	960	963	965	rBV	448437	452391	5.50%	1.006%
28	7.569	965	966	969	rVB	305940	215382	2.62%	0.479%
29	7.633	975	977	982	rVB3	134783	147020	1.79%	0.327%
30	7.698	983	988	990	rBV4	214721	338197	4.11%	0.752%
31	7.733	990	994	997	rVB2	1334781	1454199	17.67%	3.232%
32	7.769	997	1000	1001	rBV3	92532	126702	1.54%	0.282%
33	7.816	1006	1008	1010	rVV	785290	656043	7.97%	1.458%
34	7.869	1014	1017	1019	rVB2	207575	189906	2.31%	0.422%

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35	7.910	1019	1024	1026	rBV5	213467	331064	4.02%	0.736%
36	7.928	1026	1027	1029	rVV	264339	223860	2.72%	0.498%
37	7.975	1033	1035	1038	rVV2	179745	236086	2.87%	0.525%
38	8.033	1041	1045	1047	rVV4	380820	532232	6.47%	1.183%
39	8.063	1047	1050	1053	rVV2	332609	488621	5.94%	1.086%
40	8.098	1053	1056	1058	rVV2	478227	467361	5.68%	1.039%
41	8.128	1058	1061	1064	rVV3	548924	637099	7.74%	1.416%
42	8.175	1065	1069	1076	rVV2	1260388	1589800	19.31%	3.534%
43	8.233	1076	1079	1083	rVV2	381088	395528	4.81%	0.879%
44	8.275	1083	1086	1089	rVV3	193438	258842	3.14%	0.575%
45	8.310	1090	1092	1094	rVV	159445	172797	2.10%	0.384%
46	8.345	1094	1098	1102	rVV	1211405	1351074	16.41%	3.003%
47	8.386	1102	1105	1109	rVV2	442078	718128	8.72%	1.596%
48	8.439	1109	1114	1117	rVB3	369800	606698	7.37%	1.348%
49	8.498	1123	1124	1128	rVV3	102126	130197	1.58%	0.289%
50	8.551	1128	1133	1136	rVV3	500957	632117	7.68%	1.405%
51	8.622	1140	1145	1147	rVV2	417907	596216	7.24%	1.325%
52	8.645	1147	1149	1151	rVV2	469104	448365	5.45%	0.997%
53	8.675	1151	1154	1156	rVV2	365313	400858	4.87%	0.891%
54	8.704	1156	1159	1163	rVV3	432344	485848	5.90%	1.080%
55	8.745	1163	1166	1168	rVV3	407215	392901	4.77%	0.873%
56	8.769	1168	1170	1173	rVV	963515	769879	9.35%	1.711%
57	8.804	1173	1176	1179	rVB	564120	431776	5.25%	0.960%
58	8.904	1188	1193	1198	rBV	1012104	1190594	14.46%	2.646%
59	8.951	1198	1201	1204	rVV2	365834	471207	5.72%	1.047%
60	8.980	1204	1206	1208	rVB2	281071	233669	2.84%	0.519%
61	9.016	1208	1212	1215	rBV4	107966	175473	2.13%	0.390%
62	9.051	1216	1218	1223	rBV5	76149	129031	1.57%	0.287%
63	9.157	1233	1236	1238	rVB2	178661	165897	2.02%	0.369%
64	9.180	1238	1240	1242	rVB2	189214	142508	1.73%	0.317%
65	9.222	1242	1247	1249	rBV3	580572	816430	9.92%	1.815%
66	9.280	1255	1257	1259	rVB	161812	117007	1.42%	0.260%
67	9.327	1263	1265	1268	rVB3	133758	114077	1.39%	0.254%
68	9.427	1279	1282	1285	rBV	601326	465489	5.66%	1.035%
69	9.469	1285	1289	1293	rBV2	824745	786067	9.55%	1.747%
70	9.657	1316	1321	1324	rBV2	150898	253356	3.08%	0.563%
71	9.680	1324	1325	1329	rVV2	150331	157151	1.91%	0.349%

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72	9.716	1329	1331	1334	rVV2	95879	103162	1.25%	0.229%
73	9.745	1334	1336	1340	rVV	219563	198752	2.41%	0.442%
74	9.786	1340	1343	1350	rVB4	100424	177552	2.16%	0.395%
75	9.922	1364	1366	1370	rVB	299059	236552	2.87%	0.526%
76	10.139	1399	1403	1406	rBV	151755	187664	2.28%	0.417%
77	10.257	1420	1423	1427	rVB2	287868	266913	3.24%	0.593%
78	10.392	1443	1446	1453	rBV	207189	279871	3.40%	0.622%
79	10.839	1519	1522	1524	rBV	172074	142575	1.73%	0.317%
80	10.939	1536	1539	1541	rBV	646015	569825	6.92%	1.267%
81	10.963	1541	1543	1548	rVV	600631	529124	6.43%	1.176%
82	11.016	1549	1552	1556	rVB	206069	182058	2.21%	0.405%
83	11.263	1591	1594	1598	rBV2	116645	103720	1.26%	0.231%
84	11.468	1627	1629	1632	rVV	119144	102171	1.24%	0.227%
85	11.551	1640	1643	1646	rVV	171931	189342	2.30%	0.421%
86	11.733	1668	1674	1678	rBV	73652	117148	1.42%	0.260%
87	12.051	1726	1728	1731	rVV2	124162	123315	1.50%	0.274%
88	12.145	1740	1744	1749	rBV	738459	687742	8.36%	1.529%
89	12.368	1778	1782	1785	rBV	642035	662122	8.04%	1.472%
90	12.421	1789	1791	1797	rVV2	123449	134401	1.63%	0.299%
91	12.521	1805	1808	1816	rVB	477698	467803	5.68%	1.040%
92	12.698	1832	1838	1843	rVB	132303	215632	2.62%	0.479%
93	12.768	1847	1850	1853	rVV2	147644	178817	2.17%	0.397%
94	12.804	1853	1856	1863	rVB	85327	139641	1.70%	0.310%
95	13.445	1963	1965	1969	rVB2	94508	102972	1.25%	0.229%
96	13.562	1978	1985	1988	rBV2	712488	959624	11.66%	2.133%
97	13.586	1988	1989	1994	rVB	300919	267540	3.25%	0.595%
98	14.557	2151	2154	2161	rVB	207149	312096	3.79%	0.694%
99	14.857	2202	2205	2209	rVB	159702	180255	2.19%	0.401%
100	14.904	2210	2213	2217	rBV	247006	287763	3.50%	0.640%

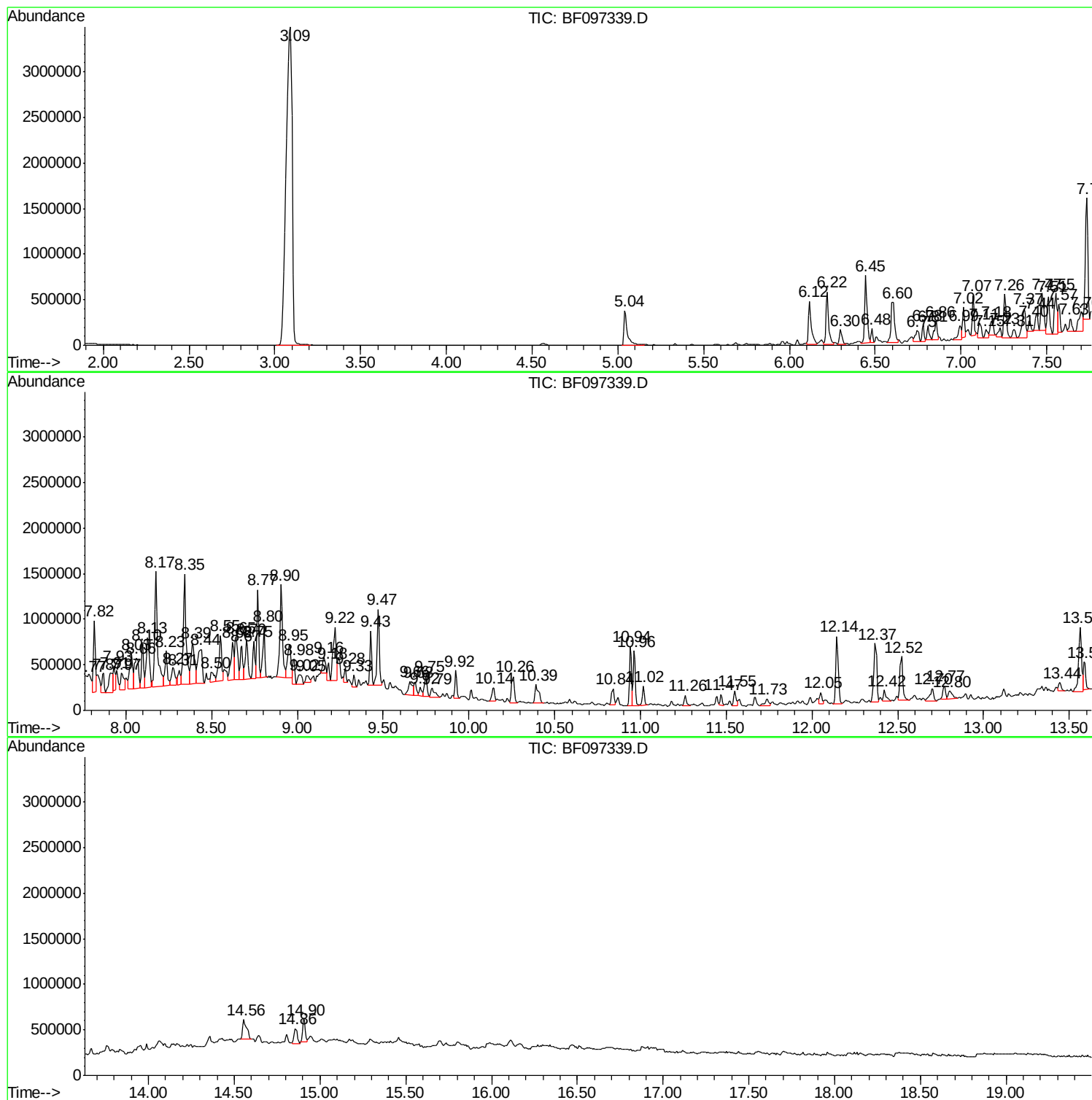
Sum of corrected areas: 44991094

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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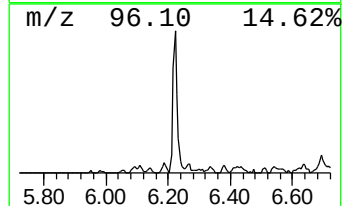
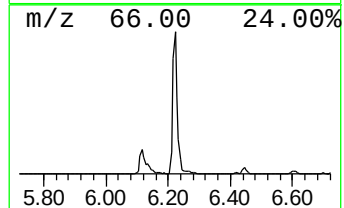
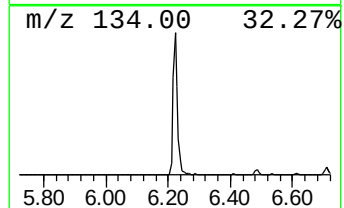
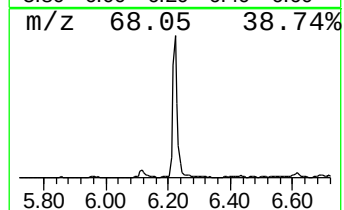
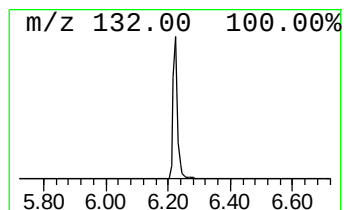
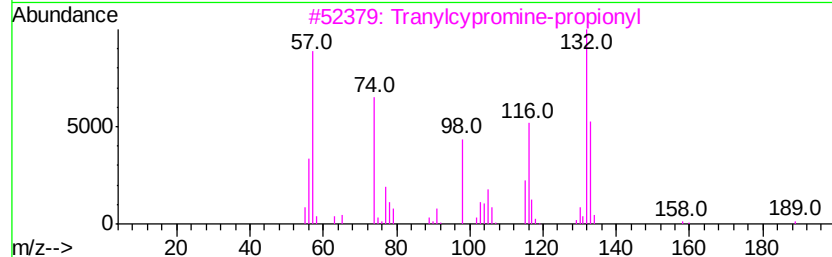
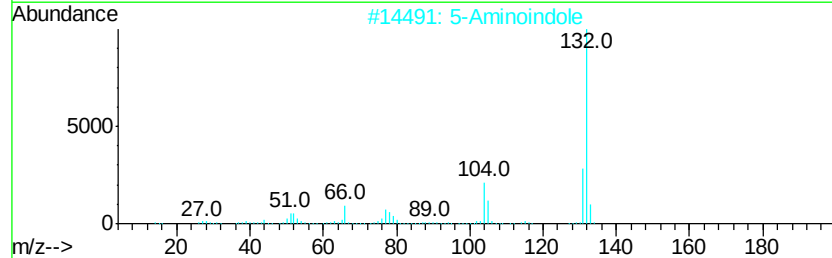
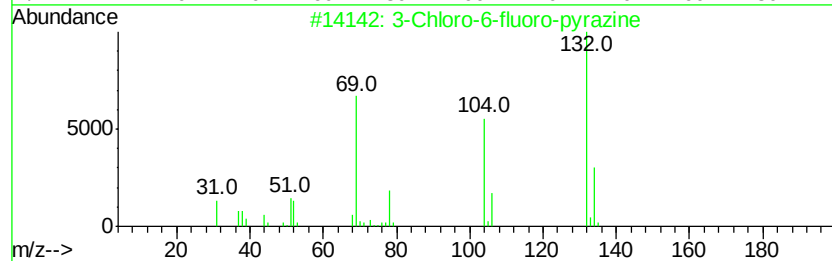
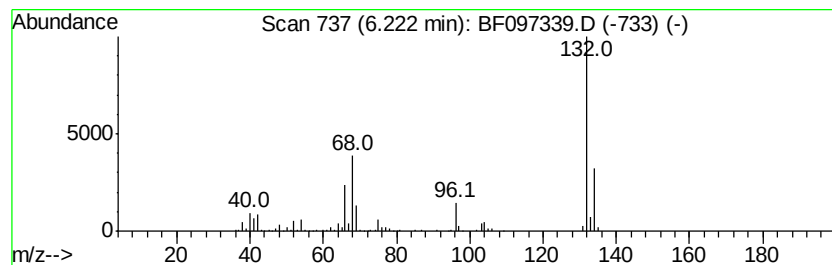
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	17.75 ng	602901	1,4-Dichlorobenzene-d4	6.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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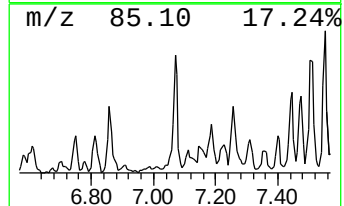
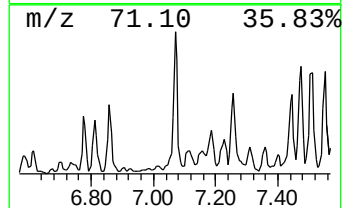
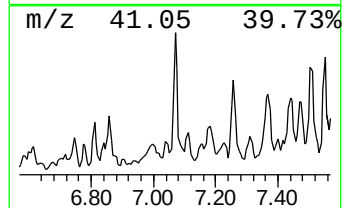
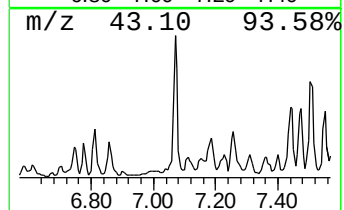
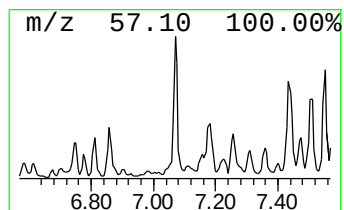
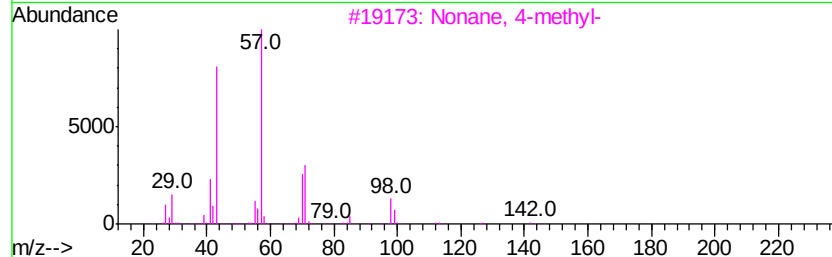
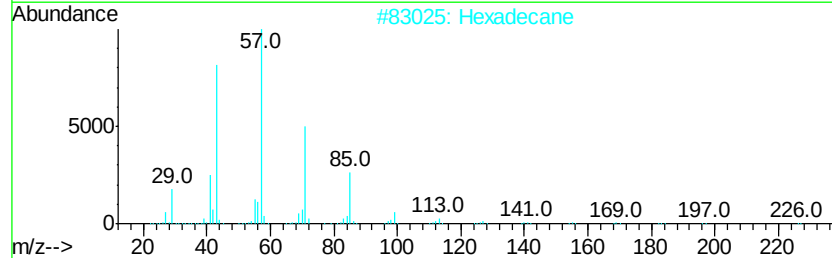
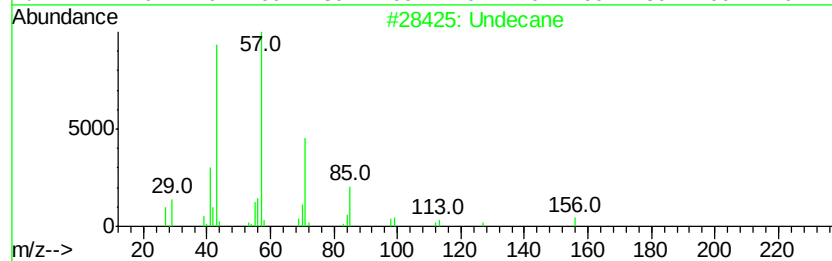
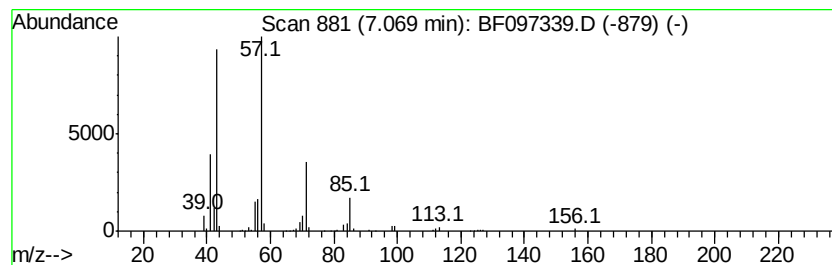
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	10.62 ng	360662	1,4-Dichlorobenzene-d4	6.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	83
2		Hexadecane	226	C16H34	000544-76-3	78
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



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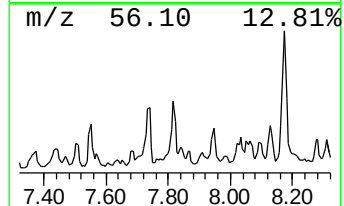
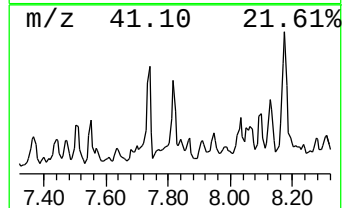
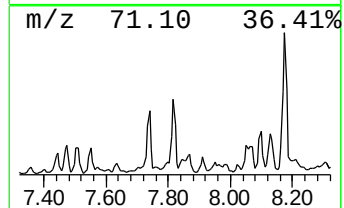
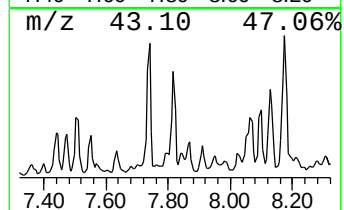
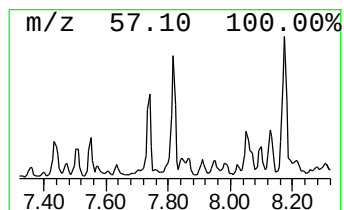
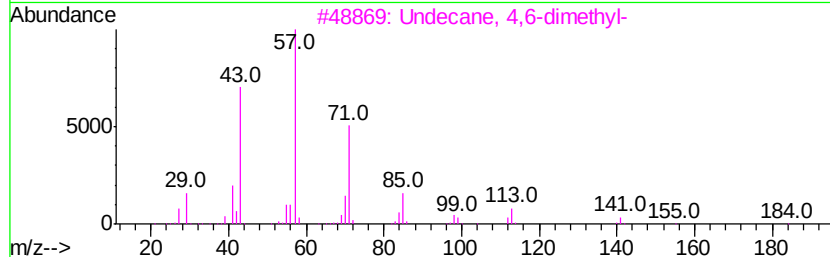
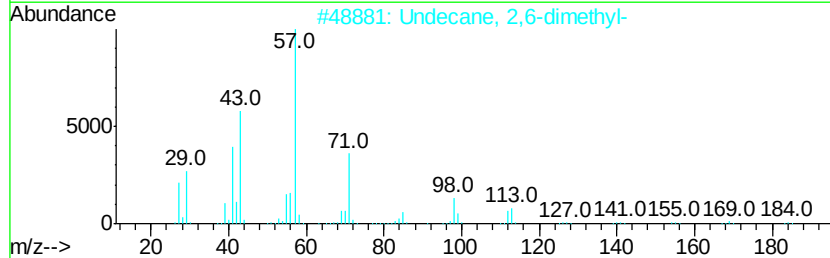
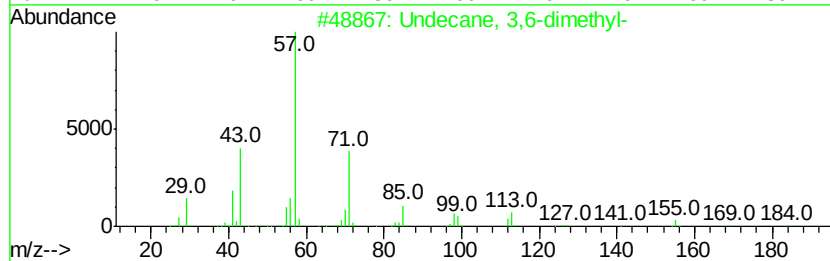
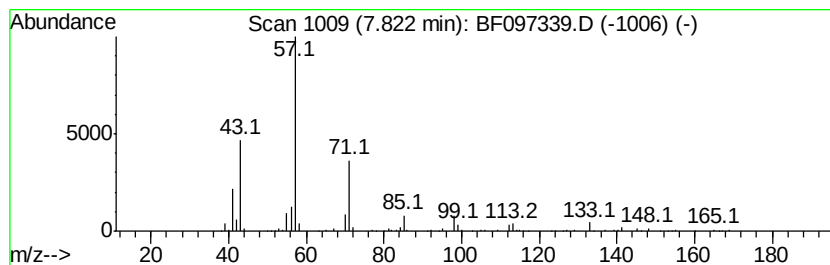
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Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	9.02 ng	656043	Napthalene-d8	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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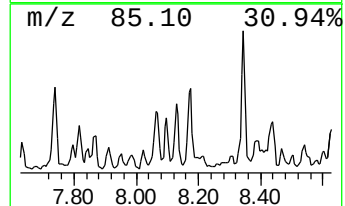
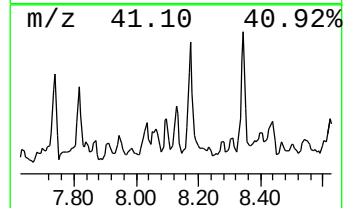
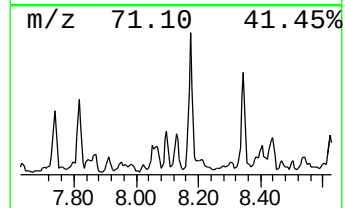
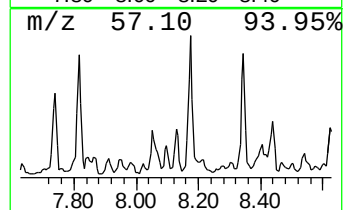
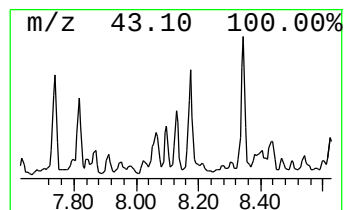
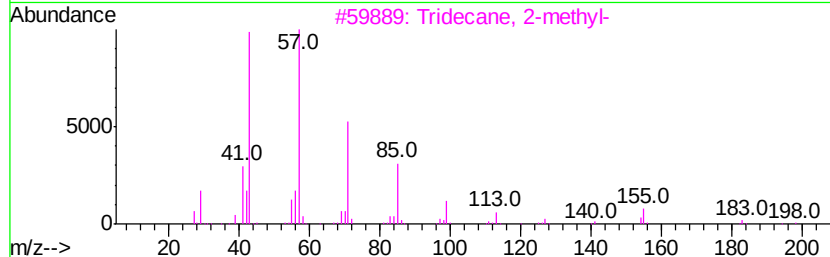
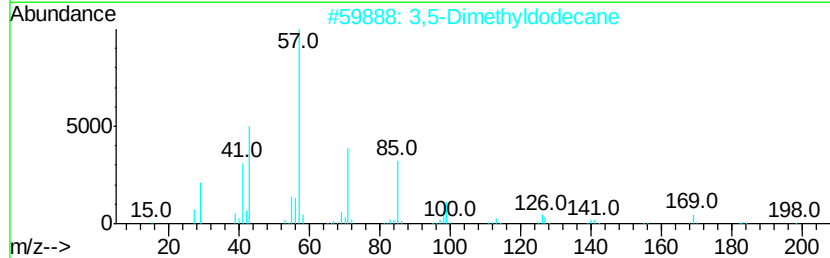
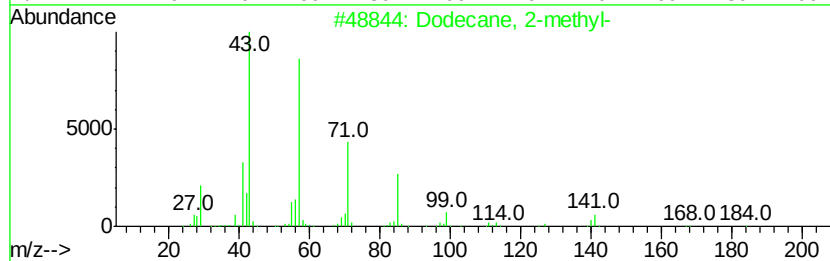
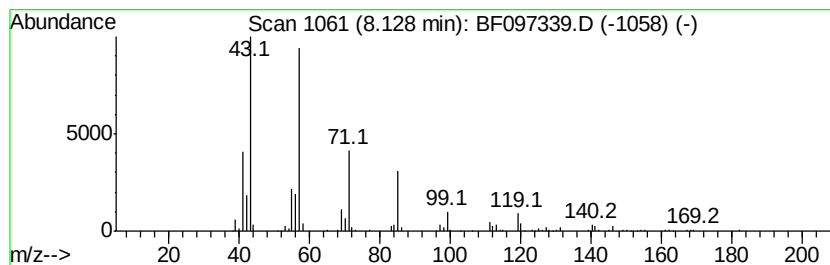
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	8.76 ng	637099	Napthalene-d8	7.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097339.D
Acq On : 4 Aug 2017 1:44
Operator : SJ/JU
Sample : I4562-01 5X
Misc :
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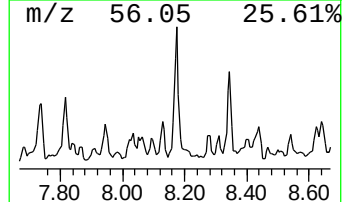
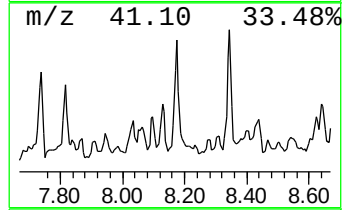
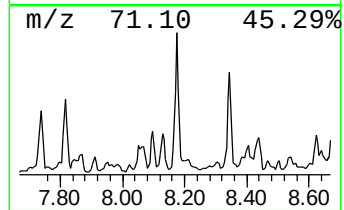
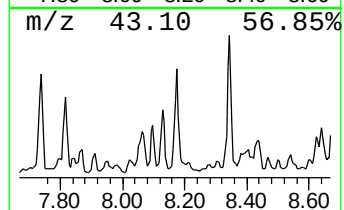
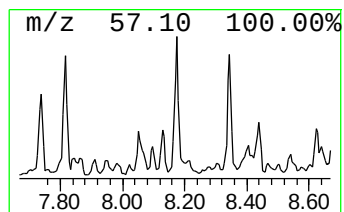
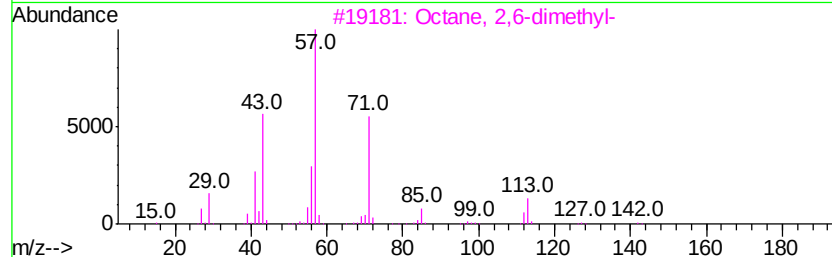
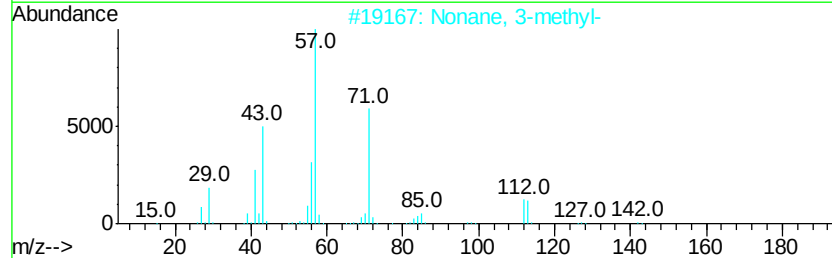
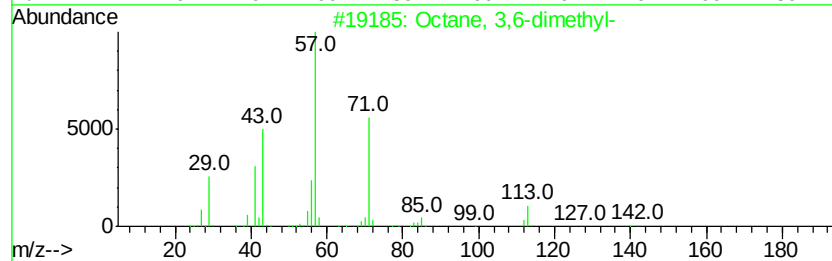
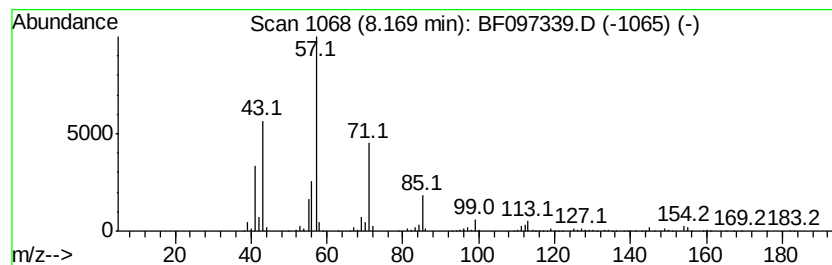
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	21.87 ng	1589800	Napthalene-d8	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097339.D
Acq On : 4 Aug 2017 1:44
Operator : SJ/JU
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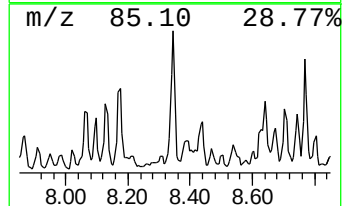
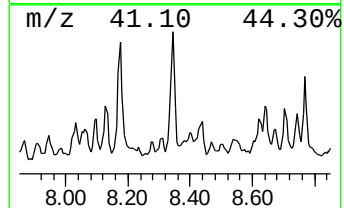
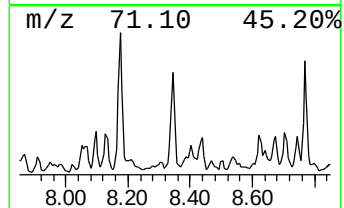
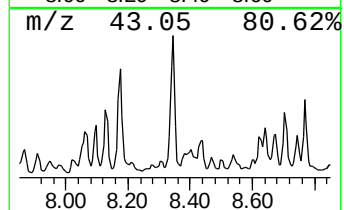
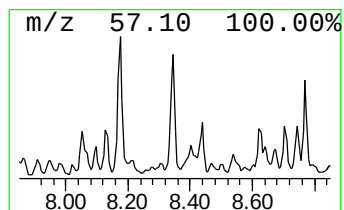
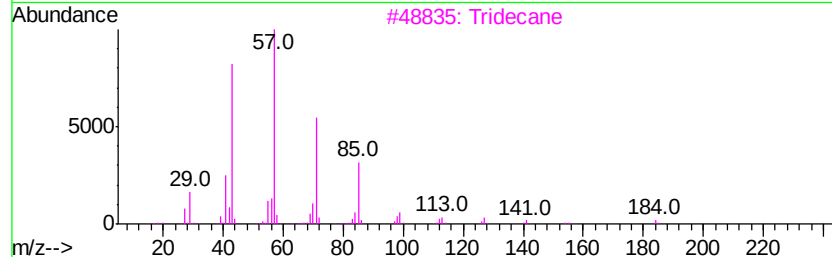
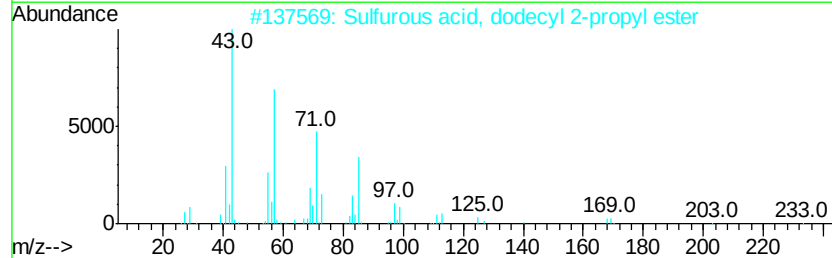
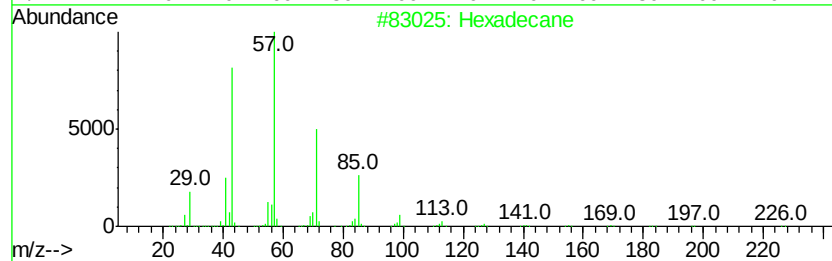
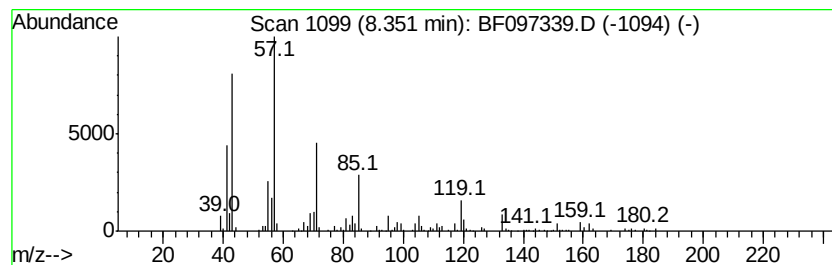
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	18.58 ng	1351070	Napthalene-d8	7.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Sulfurous acid, dodecyl 2-propyl...		292	C15H32O3S	1000309-12-3	72
3	Tridecane		184	C13H28	000629-50-5	72
4	Dodecane		170	C12H26	000112-40-3	72
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097339.D
Acq On : 4 Aug 2017 1:44
Operator : SJ/JU
Sample : I4562-01 5X
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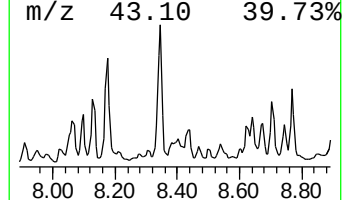
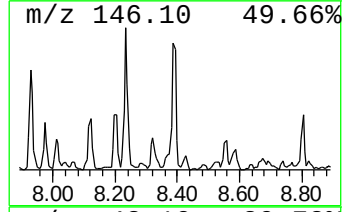
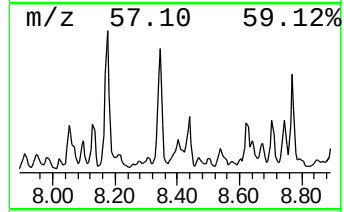
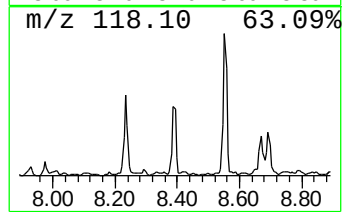
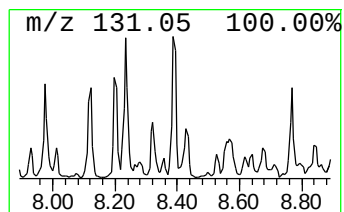
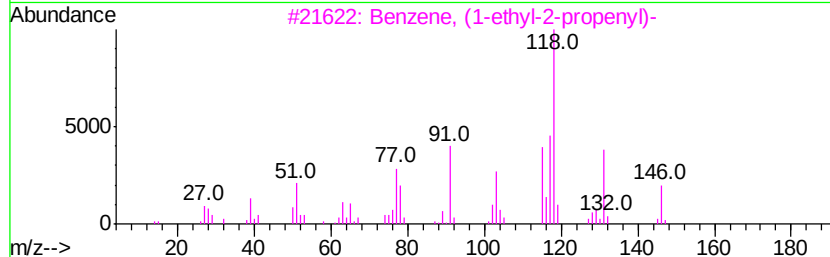
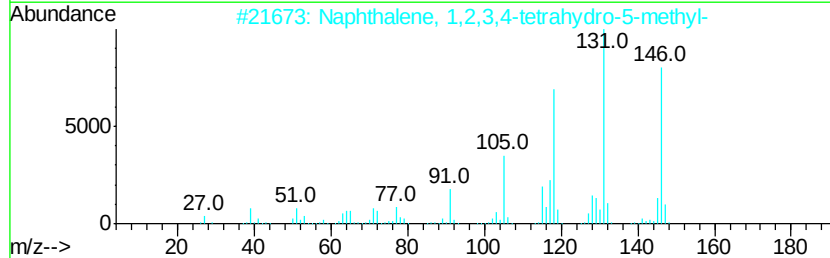
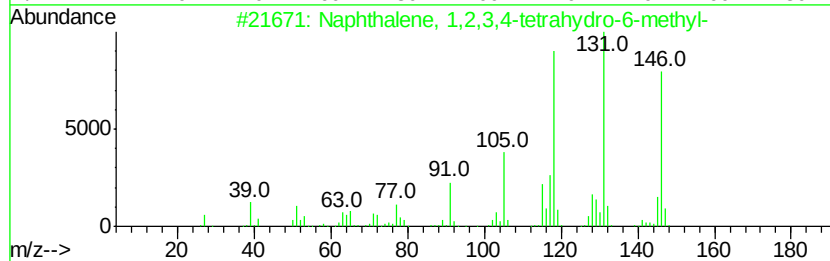
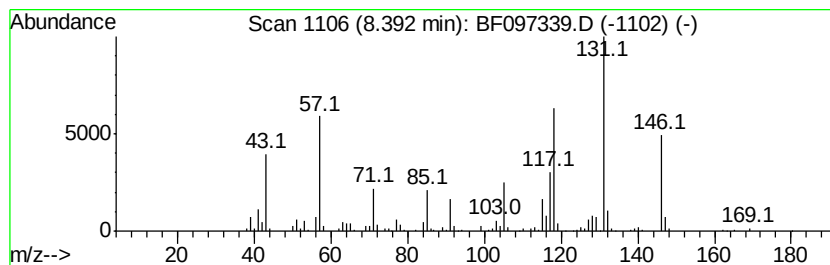
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	9.88 ng	718128	Naphthalene-d8	7.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097339.D
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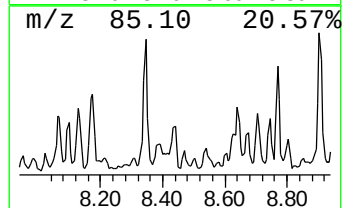
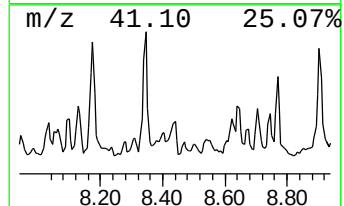
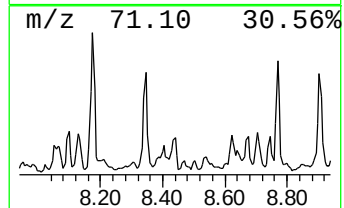
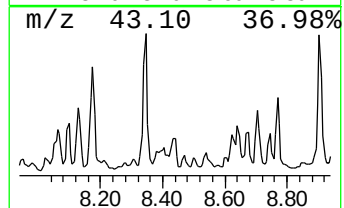
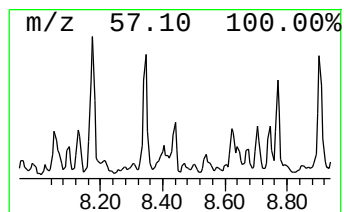
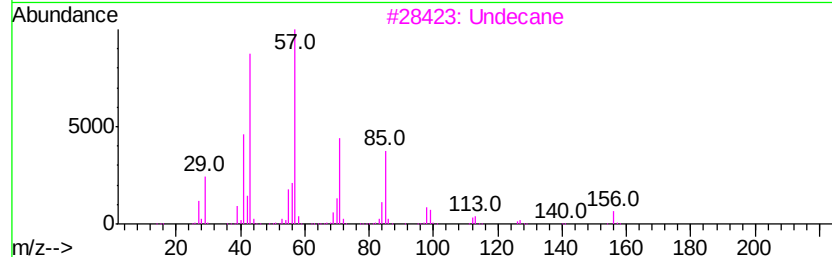
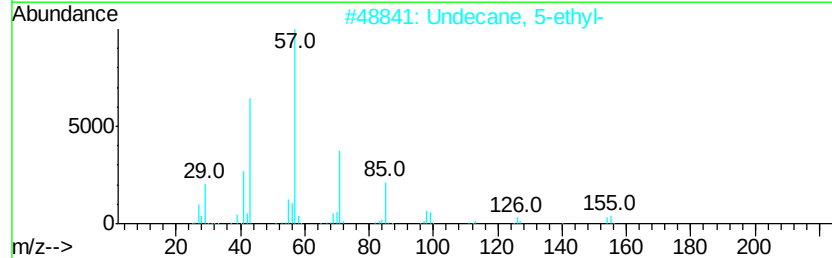
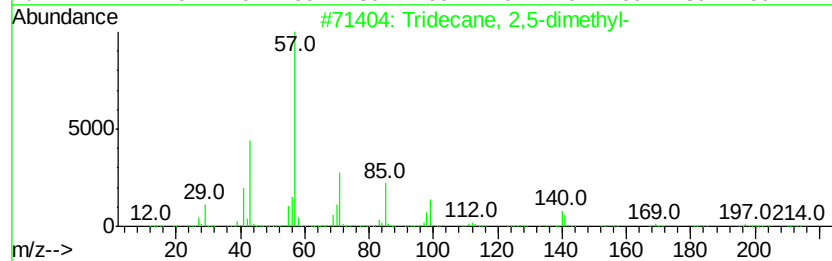
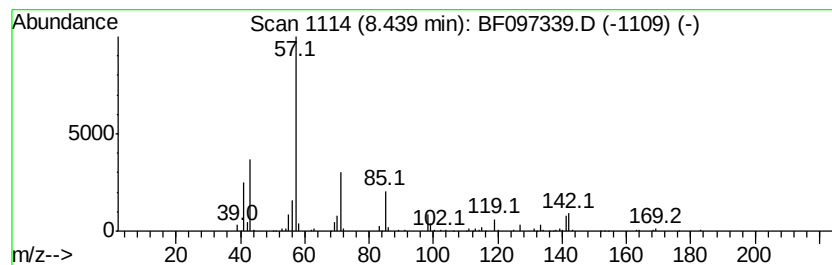
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	8.34 ng	606698	Napthalene-d8	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	64
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
3		Undecane	156	C11H24	001120-21-4	50
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
5		Dodecane	170	C12H26	000112-40-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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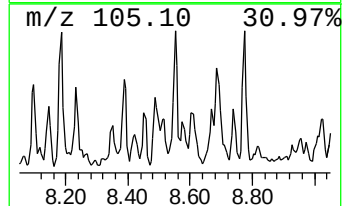
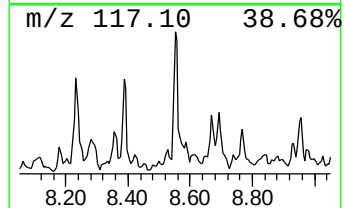
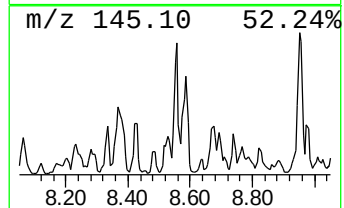
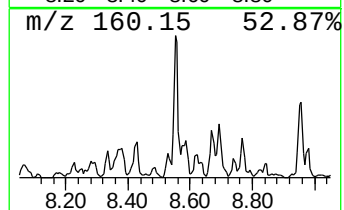
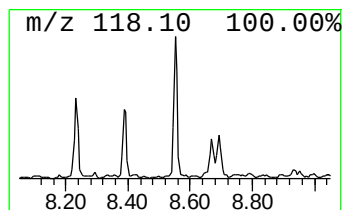
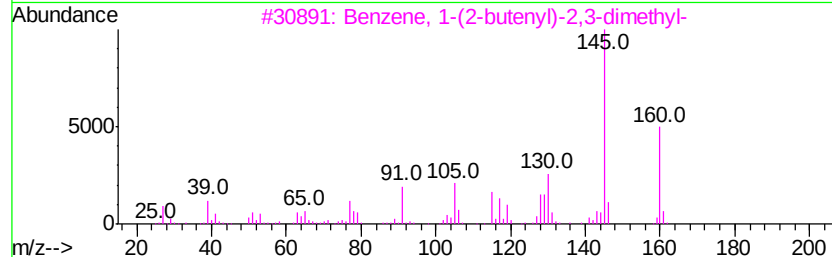
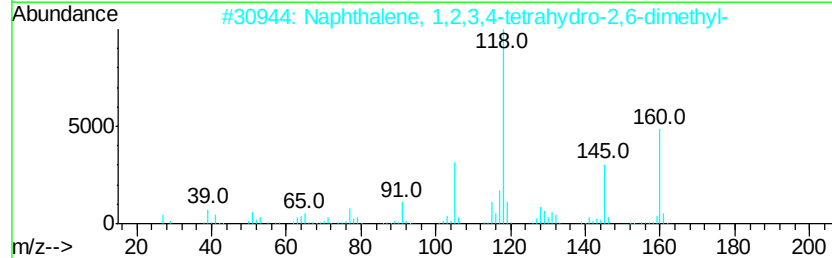
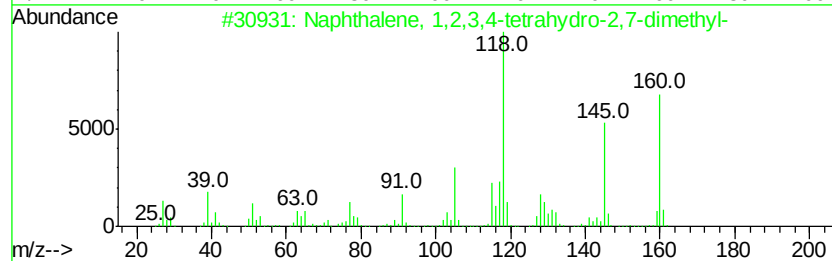
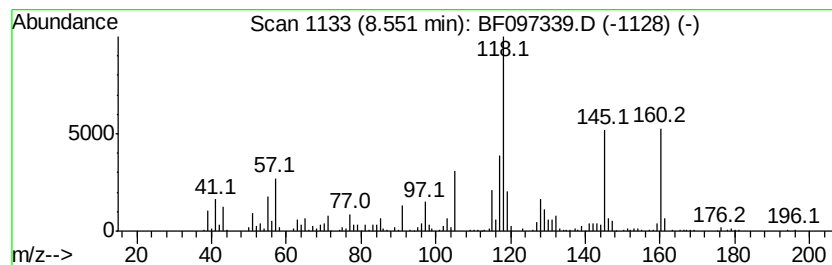
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	8.69 ng	632117	Naphthalene-d8	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
3		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	59
4		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	53
5		2,5-Dimethylbenzyl cyanide	145	C10H11N	016213-85-7	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097339.D
Acq On : 4 Aug 2017 1:44
Operator : SJ/JU
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ALS Vial : 19 Sample Multiplier: 1

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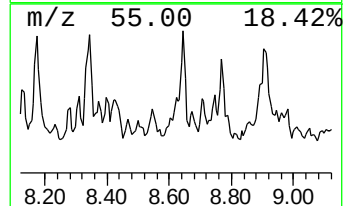
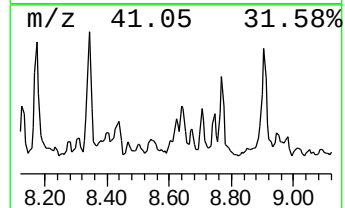
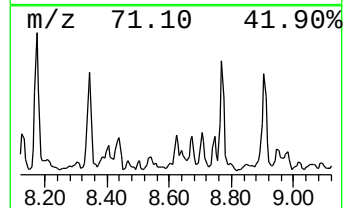
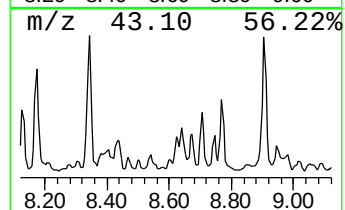
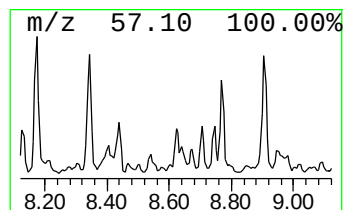
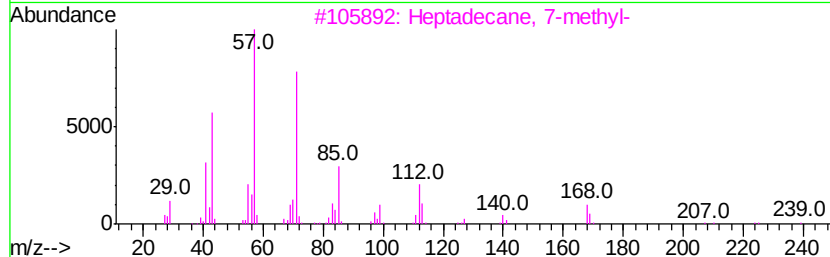
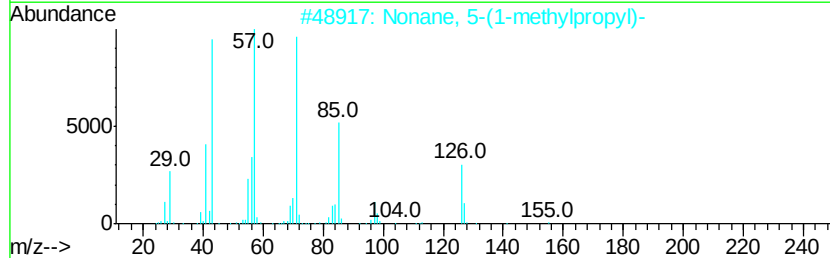
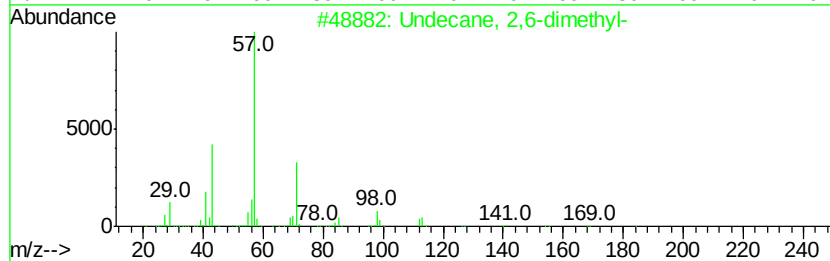
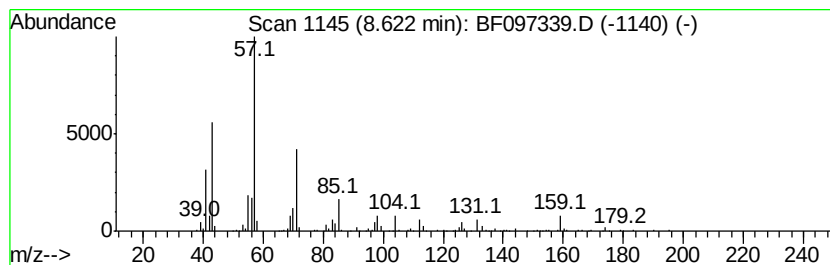
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	15.17 ng	596216	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
2		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53
3		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	53
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097339.D
Acq On : 4 Aug 2017 1:44
Operator : SJ/JU
Sample : I4562-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-A

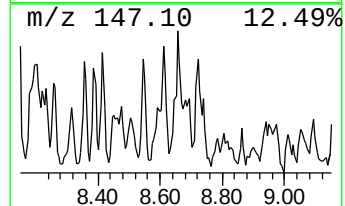
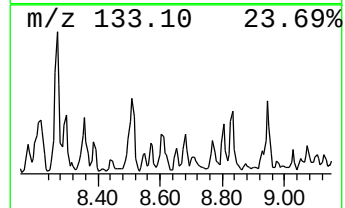
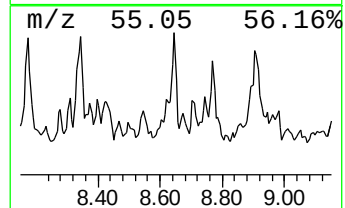
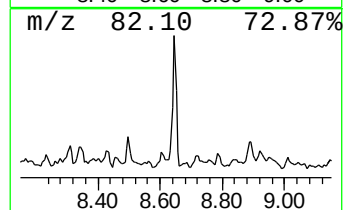
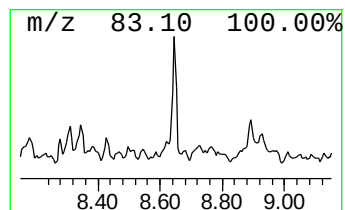
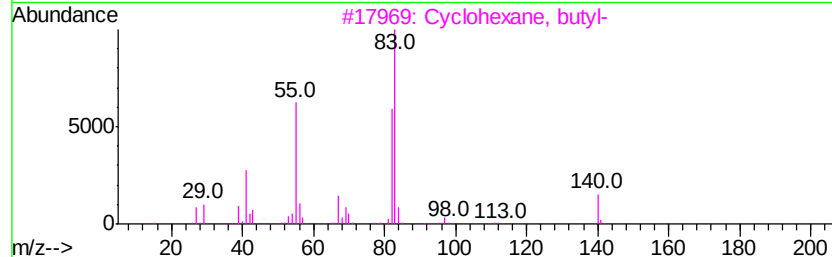
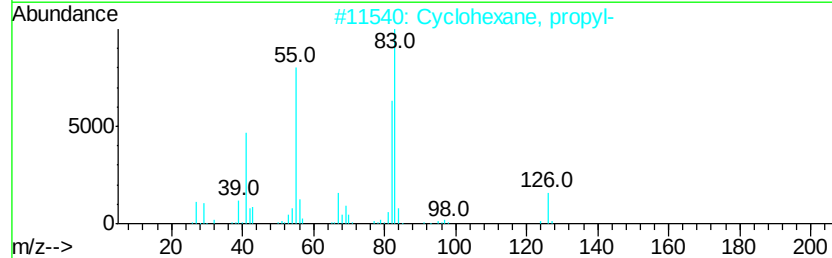
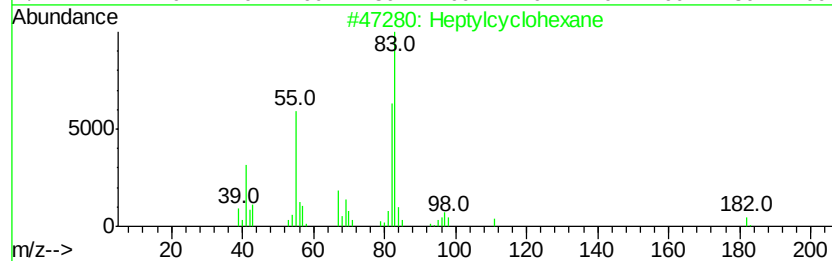
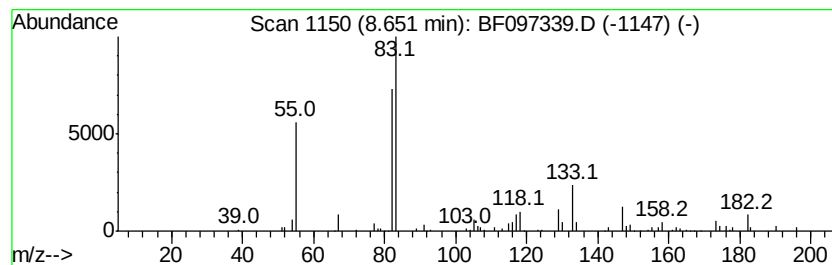
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	11.41 ng	448365	Acenaphthene-d10	9.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	64
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	59
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	53
5		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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Operator : SJ/JU
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ClientSampleId :
JC-02-080117-A

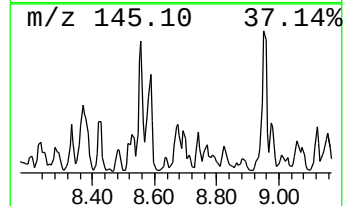
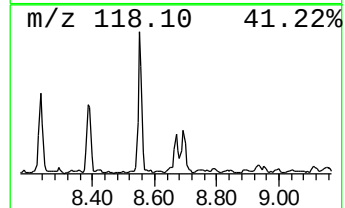
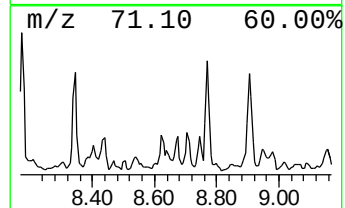
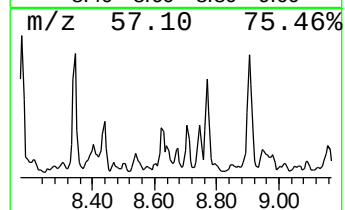
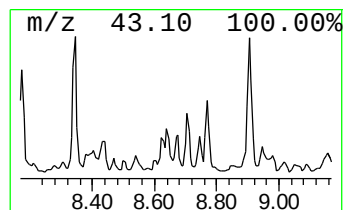
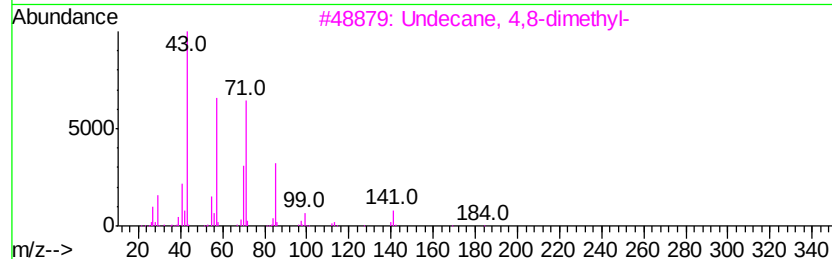
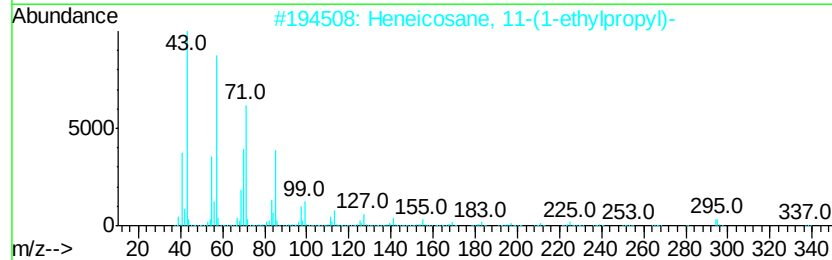
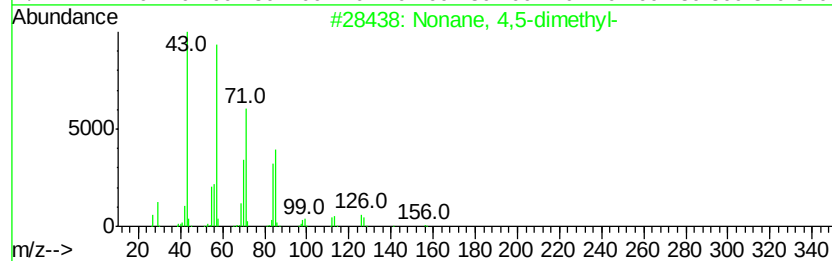
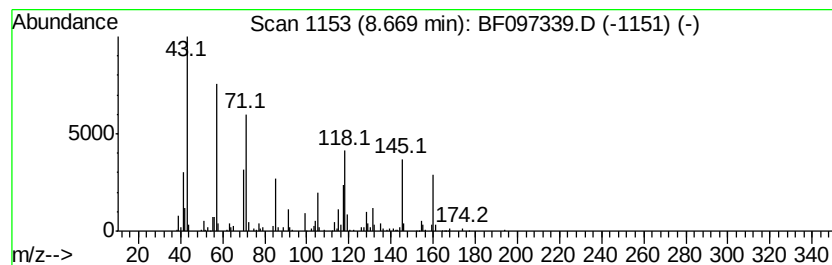
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown8.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	10.20 ng	400858	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	41
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	38
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	35
4		Dodecane	170	C12H26	000112-40-3	35
5		Undecane, 3-ethyl-	184	C13H28	017312-58-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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Acq On : 4 Aug 2017 1:44
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ClientSampleId :
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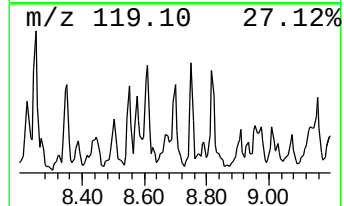
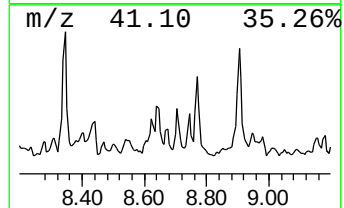
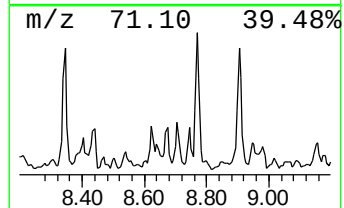
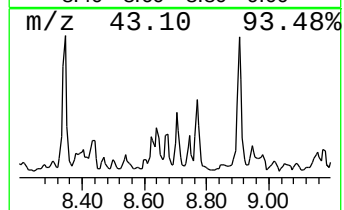
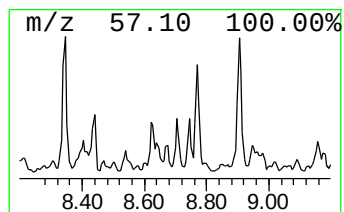
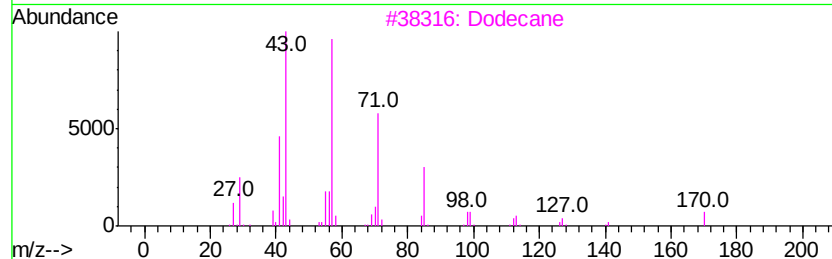
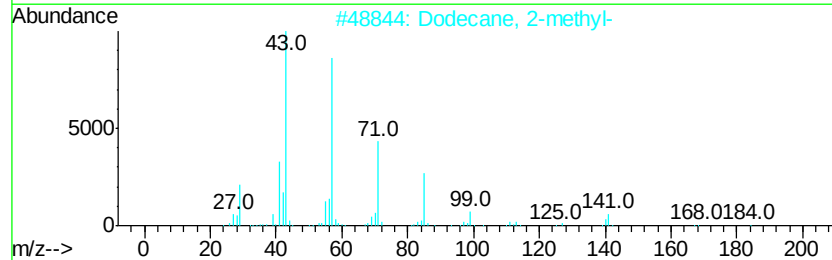
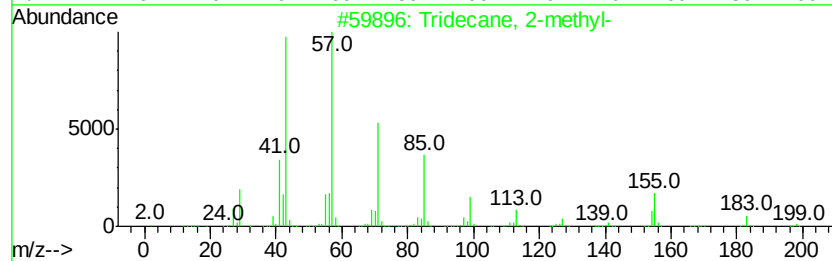
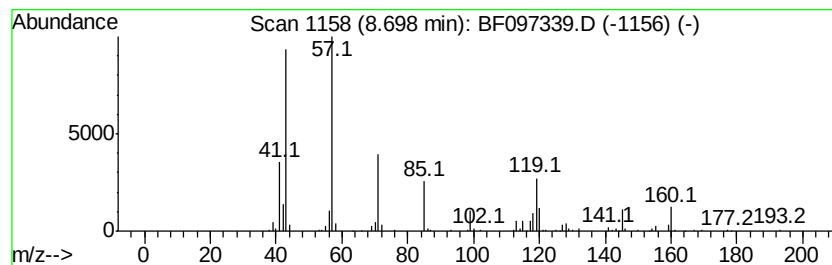
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	12.36 ng	485848	Acenaphthene-d10	9.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3		Dodecane	170	C12H26	000112-40-3	78
4		Undecane	156	C11H24	001120-21-4	78
5		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097339.D
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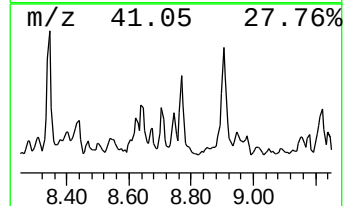
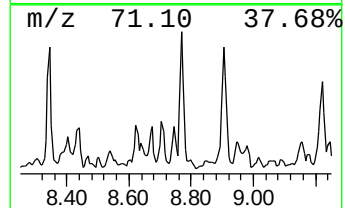
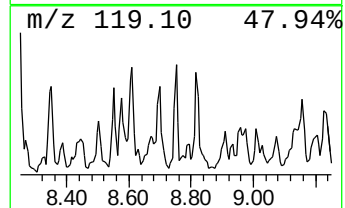
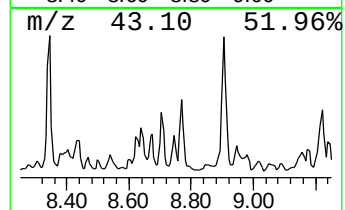
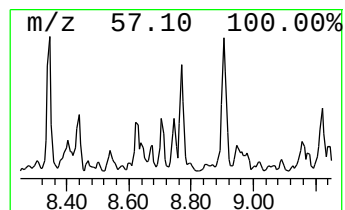
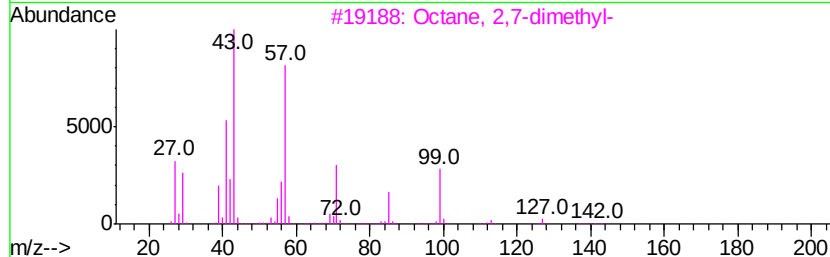
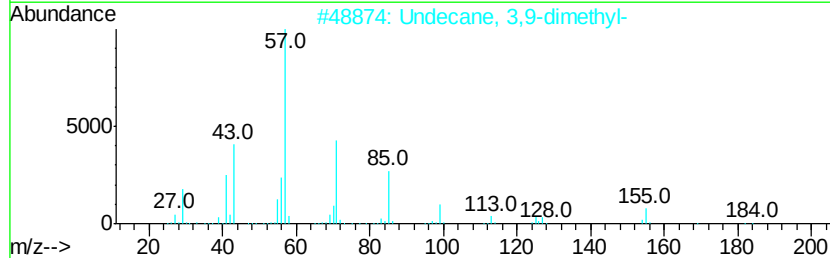
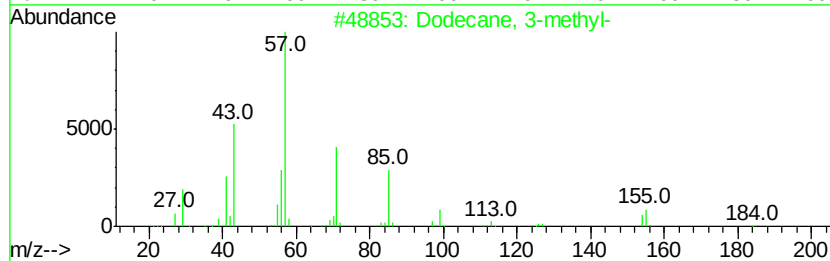
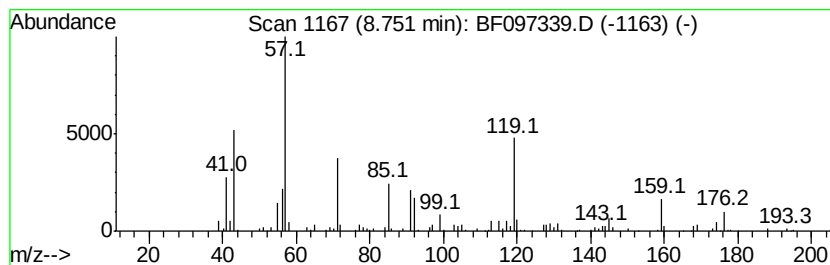
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dodecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	10.00 ng	392901	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
2		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
3		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	58
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097339.D
Acq On : 4 Aug 2017 1:44
Operator : SJ/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-080117-A

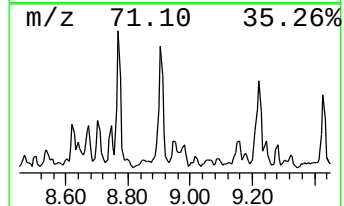
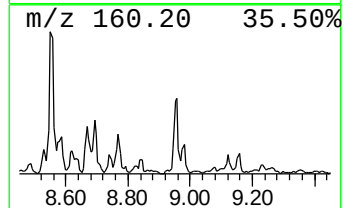
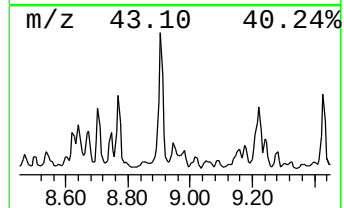
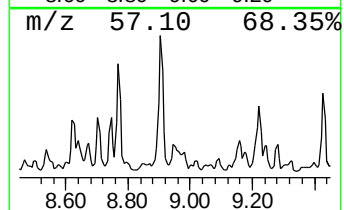
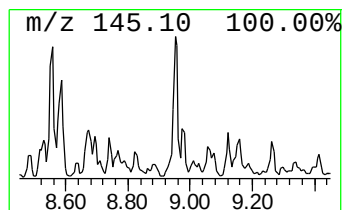
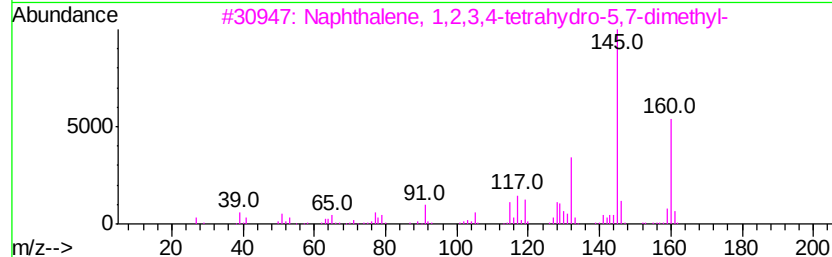
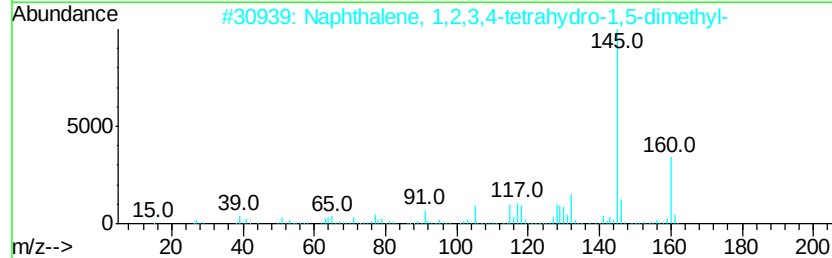
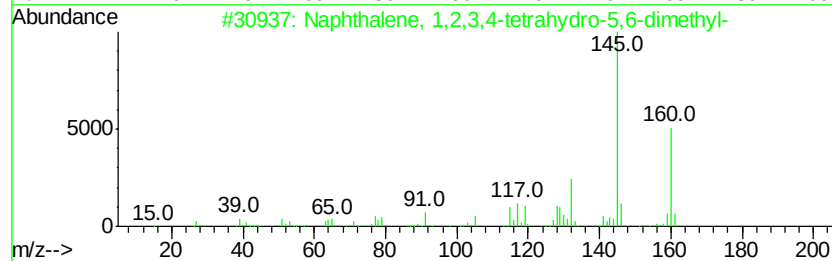
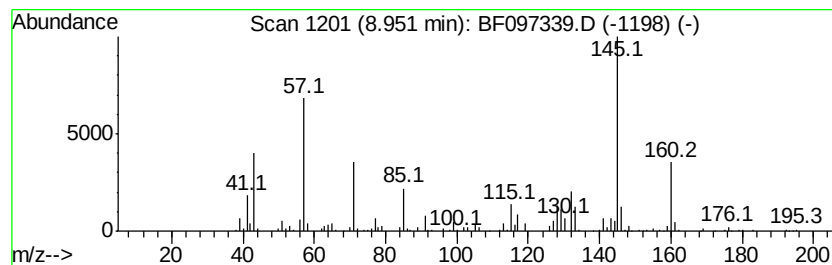
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	11.99 ng	471207	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	89
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	76
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	76
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097339.D
Acq On : 4 Aug 2017 1:44
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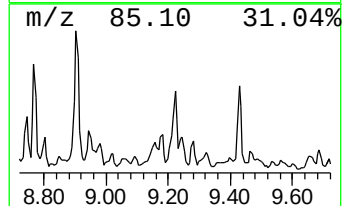
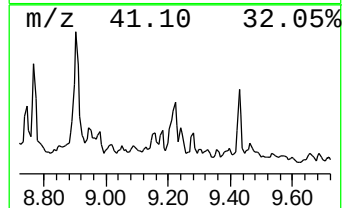
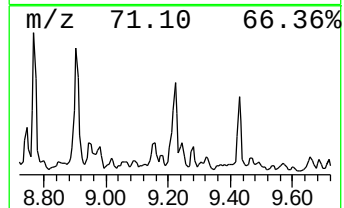
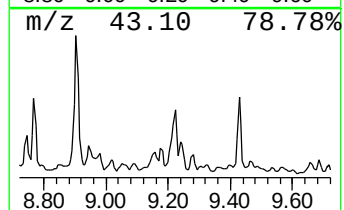
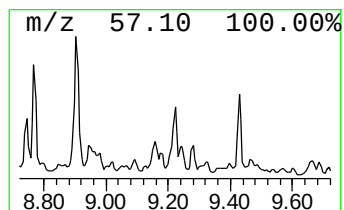
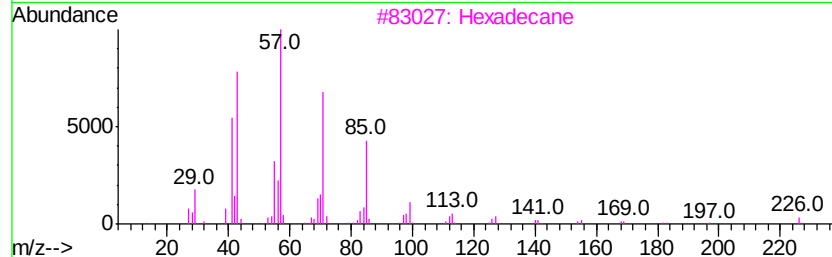
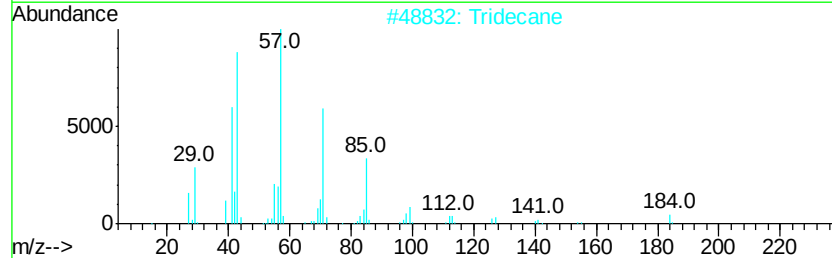
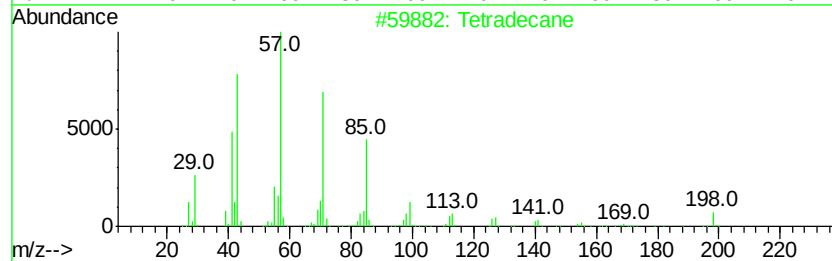
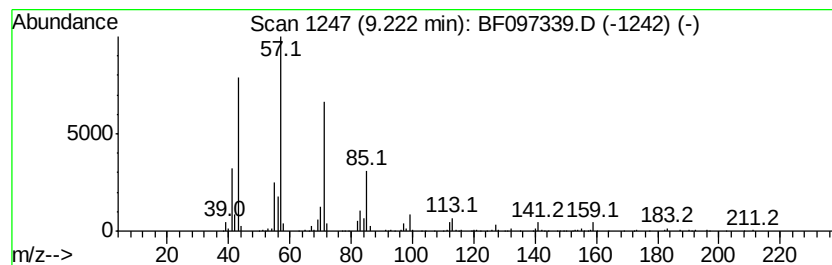
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	20.77 ng	816430	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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Undecane	7.07	10.6	ng	360662	1	6.45	679285	20.0
Undecane, 3,6-dim...	7.82	9.0	ng	656043	2	7.73	1454200	20.0
Dodecane, 2-methyl-	8.13	8.8	ng	637099	2	7.73	1454200	20.0
Octane, 3,6-dimet...	8.17	21.9	ng	1589800	2	7.73	1454200	20.0
Hexadecane	8.35	18.6	ng	1351070	2	7.73	1454200	20.0
Naphthalene, 1,2,...	8.39	9.9	ng	718128	2	7.73	1454200	20.0
Tridecane, 2,5-di...	8.44	8.3	ng	606698	2	7.73	1454200	20.0
Naphthalene, 1,2,...	8.55	8.7	ng	632117	2	7.73	1454200	20.0
Undecane, 2,6-dim...	8.62	15.2	ng	596216	3	9.47	786067	20.0
Heptylcyclohexane	8.65	11.4	ng	448365	3	9.47	786067	20.0
unknown8.67	8.67	10.2	ng	400858	3	9.47	786067	20.0
Tridecane, 2-methyl-	8.70	12.4	ng	485848	3	9.47	786067	20.0
Dodecane, 3-methyl-	8.75	10.0	ng	392901	3	9.47	786067	20.0
Naphthalene, 1,2,...	8.95	12.0	ng	471207	3	9.47	786067	20.0
Tetradecane	9.22	20.8	ng	816430	3	9.47	786067	20.0